

### Abstract of the Disclosure

The present invention provides a method for managing SCO links dynamically in a Bluetooth system, which can reduces  
5 energy consumption in a Bluetooth system and provides better quality of data transmission by managing synchronous connection-oriented (SCO) links according to channel environment. The method includes the steps of: (a) analyzing communication channels in order to secure a quality of data  
10 transmission in the Bluetooth system; and (b) changing types of SCO links according to the channel analysis.